

Title	Recognise plant pests, diseases, and disorders of a horticulture crop		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to recognise plant pests, diseases, and disorders of a horticulture crop.
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Classification	Horticulture > Production Horticulture
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to:
 - Health and Safety at Work Act 2015; and any subsequent amendments.
- 2 All evidence presented in this unit standard must be in accordance with workplace procedures.
- 3 Definitions

Plant pest – an undesirable organism injurious to humans or plants.

Plant disease – a plant growth symptom that develops in response to infection from a pathogen.

Plant disorder – a plant growth response to an abiotic factor such as nutrient deficiency, weather or herbicide damage.

Signs – indication of the presence of the plant pest, plant disease, or plant disorder.

Symptoms – the plant's response to the presence of the plant pest, plant disease, or plant disorder.

Workplace procedures refer to verbal or written instructions to staff on the procedures and use of equipment for detecting the presence of pests, diseases, and disorders in a horticulture crop.

Outcomes and performance criteria

Outcome 1

Recognise plant pests, diseases, and disorders of a horticulture crop.

Performance criteria

- 1.1 Describe a horticulture crop in terms of the identifiable signs and/or symptoms of plant pests, diseases and disorders.

Range evidence of at least five plant pests, three plant diseases, and three plant disorders is required.

1.2 Describe plant pests and diseases in terms of the stage in their life cycle at which they are most easily detected.

Range evidence of at least five plant pests, three plant diseases is required.

1.3 Recognise the presence of pests, diseases, and disorders in a horticulture crop and name them by their common name.

Range recognition using one of – eye visual, hand lens, stereo microscope;
evidence of at least three plant pests, two plant diseases, and two plant disorders is required.

Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 January 2017	31 December 2024
Review	2	27 January 2022	N/A

Consent and Moderation Requirements (CMR) reference	0052
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Muka Tangata - People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.